

1. Car battery protection setting (voltage cut out setting)

Power on, and press "SET" button for 3 seconds until it appears "H1" or "H2" or "H3" display, press "SET" button to choose from the three stages of car battery protection stages: "H1", "H2", "H3".

Stage	12V input	24V input
H1	9.6V off;10.9V on	21.3V off;22.7V on
H2	10.1V off;11.4V on	22.3V off;23.7V on
H3	11.1V off;12.4V on	24.3V off;25.7V on

2. Other settings

Standby mode, Press "SET" button until it displays "E1". Press "SET" button, it will displays settings of "E1", "E2", "E3", "E4", "F1", "F2", "F3" in accordance with the order cycle. Choose the setting you need, and press "UP" or "DOWN" button to change and set the parameter.

Setting instructions:

Setting	Function	Setting Range	Factory Default
E1	Lowest temperature setting	-40°C~Highest temperature setting	-20°C
E2	Highest temperature setting	Lowest temperature setting~40°C	+20°C
E3	Temperature return setting	1~10°C	3°C
E4	Soft start setting	0~10 minutes	2 minutes
E5	Fahrenheit and Celsius setting	F or C	C

3. Temperature compensation setting

Displayed temperature= detected temperature+ temperature compensation

Setting	Function	Setting range	Factory Default
E6	Temperature compensation for temperature set $\geq 7^{\circ}\text{C}$	-10°C~10°C	0°C
E7	Temperature compensation for temperature set rang $-7^{\circ}\text{C}\sim-12^{\circ}\text{C}$	-10°C~10°C	0°C
E8	Temperature compensation for temperature set rang $\leq -13^{\circ}\text{C}$	-10°C~10°C	0°C

How to return to factory default?

Press "SET" button until it displays "E1", then press button "UP" and button "DOWN" at the same time until it displays "888". Then all data returns to factory default.